

What is Claimed is:

1. A pharmaceutical composition comprising a single dosage formulation of metformin and glipizide,
5 said formulation designed to control moisture so that the glipizide does not hydrolyze.
2. The pharmaceutical composition as defined in
Claim 1 wherein the single dosage formulation is a
10 tablet.
3. The pharmaceutical composition as defined in
Claim 2 further including an outer protective coating or
finishing layer surrounding said tablet.
15
4. A method for treating type 2 diabetes which
comprises administering to a patient in need of treatment
a therapeutically effective amount of a pharmaceutical
composition comprising a combination of metformin and
20 glipizide in a single dosage form, which dosage form
controls moisture so that the glipizide does not
hydrolyze.
5. The method as defined in Claim 4 wherein the
amount of metformin and glipizide in the combination is
25 that employed in generally accepted medical practice for
treating diabetes.
6. The method as defined in Claim 5 wherein the
dosage of metformin administered is from about 250 mg to
30 about 2500 mg/day.
7. The method as defined in Claim 6 wherein the
metformin is administered in 250 mg increments.

35

8. The method as defined in Claim 5 wherein the dosage of glipizide administered is from about 1.25 to about 25 mg/day.

5 9. The method as defined in Claim 8 wherein the glipizide is administered in about 2.25 mg increments.

10 10. The method as defined in Claim 4 wherein the metformin is employed in a weight ratio to glipizide
10 within the range from about 1000:1 to about 100:1.

11. The pharmaceutical formulation as defined in
Claim 2 which includes a dosage of metformin of from
about 250 to about 2500 mg/day and a dosage of glipizide
15 from about 1.25 to about 25 mg/day.

12. The pharmaceutical formulation as defined in
Claim 2 wherein the metformin is employed in a weight
ratio to the glipizide within the range from about 1000:1
20 to about 100:1.

13. The pharmaceutical formulation as defined in
Claim 2 wherein the dosage of metformin is 250 mg and the
dosage of glipizide is 1.25 mg.
25

14. The pharmaceutical formulation as defined in
Claim 2 wherein the dosage of metformin is 250 mg and the
dosage of glipizide is 2.50 mg.

30 15. The pharmaceutical formulation as defined in
Claim 2 wherein the dosage of metformin is 500 mg and the
dosage of glipizide is 2.50 mg.

35 16. The pharmaceutical formulation as defined in
Claim 2 wherein the dosage of metformin is 500 mg and the
dosage of glipizide is 5.00 mg.